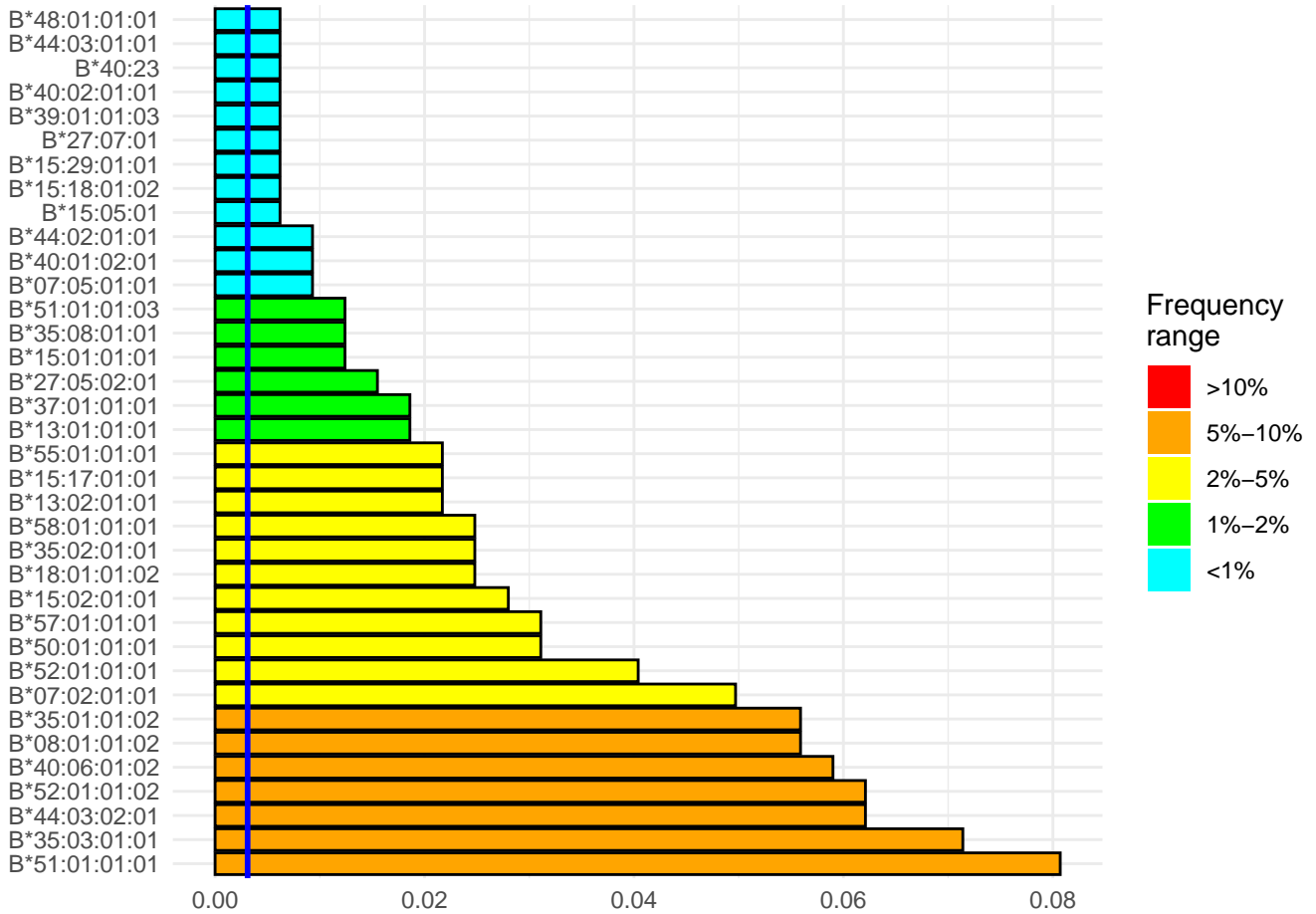


Summary results for HLA-B in Punjab-Khatri



Sample size: 161

Estimated heterozygosity: 0.9587

Hardy-Weinberg equilibrium test p-value: 0.07111078

Ewens-Watterson-Slatkin neutrality test: FDR p.adj min: 0.057 max: 0.100

There are 19 low frequency alleles or haplotypes not shown above.

Follows the complete list of alleles, including those with lower and null frequencies not shown before.

	Allele or Haplotype Name	Frequency Estimate
1	B*55:01:01:08	0.0031
2	B*15:09:01	0.0031
3	B*15:25:01:01	0.0031
4	B*40:06:01:01	0.0031
5	B*56:01:01:03	0.0031
6	B*49:01:01:01	0.0031
7	B*13:01:01:03	0.0031
8	B*47:01:01:03	0.0031
9	B*38:02:01:01	0.0031
10	B*40:06:04:01	0.0031
11	B*55:02:01:03	0.0031
12	B*13:01:01:06	0.0031
13	B*40:02:01:26	0.0031
14	B*51:01:05	0.0031
15	B*41:01:01:01	0.0031
16	B*38:01:01:01	0.0031
17	B*35:02:01G	0.0031
18	B*35:03:01G	0.0031
19	B*51:07:01	0.0031
20	B*15:29:01:01	0.0062
21	B*15:05:01	0.0062
22	B*15:18:01:02	0.0062
23	B*44:03:01:01	0.0062
24	B*39:01:01:03	0.0062
25	B*40:23	0.0062
26	B*27:07:01	0.0062
27	B*48:01:01:01	0.0062
28	B*40:02:01:01	0.0062
29	B*07:05:01:01	0.0093
30	B*44:02:01:01	0.0093
31	B*40:01:02:01	0.0093
32	B*15:01:01:01	0.0124
33	B*51:01:01:03	0.0124
34	B*35:08:01:01	0.0124
35	B*27:05:02:01	0.0155
36	B*37:01:01:01	0.0186

	Allele or Haplotype Name	Frequency Estimate
37	B*13:01:01:01	0.0186
38	B*55:01:01:01	0.0217
39	B*13:02:01:01	0.0217
40	B*15:17:01:01	0.0217
41	B*58:01:01:01	0.0248
42	B*18:01:01:02	0.0248
43	B*35:02:01:01	0.0248
44	B*15:02:01:01	0.0280
45	B*57:01:01:01	0.0311
46	B*50:01:01:01	0.0311
47	B*52:01:01:01	0.0404
48	B*07:02:01:01	0.0497
49	B*08:01:01:02	0.0559
50	B*35:01:01:02	0.0559
51	B*40:06:01:02	0.0590
52	B*44:03:02:01	0.0621
53	B*52:01:01:02	0.0621
54	B*35:03:01:01	0.0714
55	B*51:01:01:01	0.0807